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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ralf M. Luche and Bo Wei
Application No. : 09/544,525
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For : DSP-3 DUAL-SPECIFICITY PHOSPHATASE

Examiner : Rebecca E. Prouty
Art Unit : 1652
Docket No. : 200125.408
Date : October 9, 2002

Commissioner for Patents
U.S. Patent and Trademark Office
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REQUEST FOR SUBSTITUTION OF DRAWINGS

Commissioner for Patents:

Drawing substitutions for Figures 1, 2, and 3 are hereby submitted for approval by the Examiner. The substitute figures are identical to Figures 1-3 in provisional application No. 60/142,338 (filed July 2, 1999) (incorporated by reference in its entirety into the present application), and are supported by the text of provisional application No. 60/142,338 and the present specification (*see, e.g.*, present specification at page 7, lines 15-24; page 12, lines 8-18; Example 1).

Respectfully submitted,

Ralf M. Luche and Bo Wei

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Enclosures:

Postcard

3 Sheets of Figures (Substituted Figures 1, 2, and 3)

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DSP-3, encoded by 552 base pairs

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1  CCCC GCCGCT CCTCCTCCCT GTAACATGCC ATAGTGCGCC TCGGACCACA CGGCCGGGGC
61 GCTAGCGTTC GCCTTCAGCC ACCATGGGGA ATGGGATGAA CAAGATCCTG CCCGCCCTGT
121 ACATCGGCAA CTTCAAAGAT GCCAGAGACG CGGAACAATT GAGCAAGAAC AAGGTGACAC
181 ATATTCTGTC TGTCCACGAT AGTGCCAGGC CTATGTTGGA GGGAGTTAAA TACCTGTGCA
241 TCCCAGCAGC GGATTCACCA TCTCAAACC TGACAAGACA TTTCAAAGAA AGTATTAAAT
301 TCATTCACGA GTGCCGGCTC CGCGGTGAGA GCTGCCTTGT AACTGCCTG GCCGGGGTCT
361 CCAGGAGCGT GACACTGGTG ATCGCATACA TCATGACCGT CACTGACTTT GGCTGGGAGG
421 ATGCCCTGCA CACCGTGCGT GCTGGGAGAT CCTGTGCCAA CCCCAACGTG GGCTTCCAGA
481 GACAGCTCCA GGAGTTTGAG AAGCATGAGG TCCATCAGTA TCGGCAGTGG CTGAAGGAAG
541 AATATGGAGA GAGCCCTTTG CAGGATGCAG AAGAAGCCAA AAACATTCTG GCCGCTCCAG
601 GAATTCTGAA GTTCTGGGCC TTTCTCAGAA GACTGTAATG TACCTGAAGT TTCTGAAATA
661 TTGCAAACCC GCAGAGTTTA GGCTGGTGCT GCCAAAAAGA AAAGCAACAT AGAGTTTAAG
721 TATCCAGTAG TGATTTGTAA ACTTGTTTTT CATTTGAAGC TGAATATATA CGTAGTCATG
781 TTTATGTTGA GAACTAAGGA TATTCTTTAG CAAGAGAAAA TATTTTCCCC TTATCCCCAC
841 TGCTGTGGAG GTTTCTGTAC CTCGCTTGA TGCCTGTAAG GATCCCGGGA GCCTTGCCGC
901 ACTGCCTTGT GGGTGGCTTG GCGCTC
```

FIG. 1

Translated full length protein, 184 amino acids

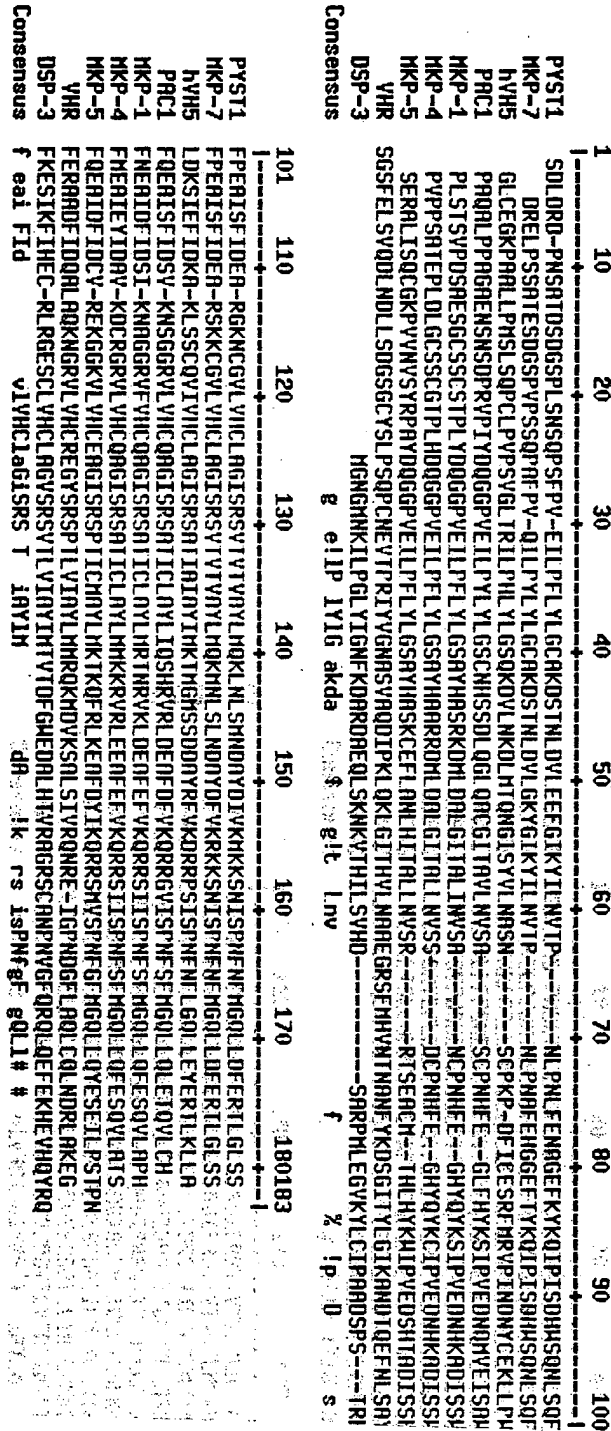
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GRSCANPNVGFQRQLQEFKHEVHQYRQWLKEEYGESPLQDAEEAKNILAAPGILKFWAF
LRRL*

FIG. 2



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FIG. 3



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